

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/046723 A1

(51) International Patent Classification⁷: A61K 39/395, A61P 25/00

(21) International Application Number: PCT/US2004/037245

(22) International Filing Date: 8 November 2004 (08.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/517,843 6 November 2003 (06.11.2003) US

(71) Applicant (for all designated States except US): ICOS CORPORATION [US/US]; 22021 20th Avenue, S.E., Bothell, WA 98021 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WEAVER, Lynne, C. [US/CA]; 100 Perth Drive, London, Ontario, N6A 5K8 (CA). DEKABAN, Gregory [CA/CA]; 100 Perth Drive, London, Ontario, N6A 5K8 (CA). OATWAY, Mark [CA/CA]; 94 Strathcona Avenue, Toronto, Ontario, M4J 1G8 (CA).

(74) Agent: WILLIAMS, Joseph, A., Jr.; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6357 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/046723 A1

(54) Title: METHODS OF TREATING CHRONIC PAIN USING COMPOSITIONS THAT SPECIFICALLY BIND CD11D (ALPHA-D) INTEGRIN

(57) Abstract: Methods to treat secondary injury resulting from spinal cord injury using polypeptide compositions that specifically bind to CD11d are disclosed.